

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1314	717/130,129,151.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 09:23
L2	441	(cost same estimation) and (optimiz\$4 same (software or program))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 09:23
L4	0	702/108.ccls. and L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 09:23
L5	828	702/108.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 09:23
L7	202	700/5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 09:24
L8	0	700/5.ccls. and L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 09:24
L9	2	717/129-151.ccls. and (program same optimiz\$4) and cost and monito\$4 and (minimiz\$4 same component same interact\$4 same program)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 10:01
L10	21	717/129-151.ccls. and (component same interact\$4 same program) and (data same represent\$4 same propert\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 10:01

## EAST Search History

S1	1	"6823510".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 14:57
S2	262	717/130.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/01 11:07
S3	240	(cost same estimation) and (optimiz\$4 same (software or program))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/31 15:29
S4	40	(cost same estimation) and (optimiz\$4 same (software or program)) and (monitor\$4 same program)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/31 15:31
S5	0	(cost same estimation) and (optimiz\$4 same (software or program)) and (monitor\$4 same program) and cocomo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/01 11:13
S6	0	cocomo.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/01 11:13
S7	326	(cost near estimat\$4).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/01 11:14
S8	0	(cost near estimat\$4).ti. and (software near engineer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/01 11:14

## EAST Search History

S9	0	(cost near estimat\$4).ti. and (software near optimi\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/01 11:14
S10	10	(cost near estimat\$4).ti. and (optimi\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/31 15:36
S11	24	(minimiz\$4 same interact\$4 same cost) and ((program\$4 or software) same run adj time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 15:14
S12	1301	Optimiz\$4 same Component\$4 same Interaction\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 16:38
S13	54	(Optimiz\$4 same Component\$4 same Interaction\$4).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 16:07
S14	777	717/130,129,151.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/01 09:19
S15	300	717/130,129,151.ccls. and (program same optimiz\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/24 13:18
S16	115	717/130,129,151.ccls. and (program same optimiz\$4) and cost	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/24 13:18

## EAST Search History

S17	49	717/130,129,151.ccls. and (program same optimiz\$4) and cost and monito\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 09:42
S18	6	("6360360" "6530075" "20020154551").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 13:13
S19	8	(US-20020191002-\$ or US-20030009401-\$).did. or (US-5555201-\$ or US-6173286-\$ or US-6269474-\$ or US-6353826-\$ or US-6356890-\$ or US-6760888-\$).did.	US-PGPUB; USPAT	OR	ON	2006/01/05 14:31
S20	7	((US-20020191002-\$ or US-20030009401-\$).did. or (US-5555201-\$ or US-6173286-\$ or US-6269474-\$ or US-6353826-\$ or US-6356890-\$ or US-6760888-\$).did.) and estima\$4	US-PGPUB; USPAT	OR	ON	2006/01/05 14:45
S21	4729	minimi\$4 same total same cost	US-PGPUB; USPAT	OR	ON	2006/01/05 14:45
S22	5	minimi\$4 same total same cost and (partial same run same program)	US-PGPUB; USPAT	OR	ON	2006/01/05 14:46
S23	2	"6112304".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 14:58
S24	3	(minimiz\$4 same interact\$4 same component same (program\$4 or software) same run adj time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 15:30
S25	1	(Optimiz\$4 same Component\$4 same Interaction\$4).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 16:08

## EAST Search History

S26	1	(Optimiz\$4 NEAR Component\$4 NEAR Interaction\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 16:09
S27	143	717/129-151.ccls. and (program same optimiz\$4) and cost and monito\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 09:43
S28	7	717/129-151.ccls. and (program same optimiz\$4) and cost and monito\$4 and (minimiz\$4 same interact\$4 same program)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/31 15:37
S29	2	717/129-151.ccls. and (program same optimiz\$4) and cost and monito\$4 and (minimiz\$4 same component same interact\$4 same program)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/31 16:00
S30	3	717/129-151.ccls. and (minimiz\$4 same component same interact\$4 same program)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 09:47
S31	128	717/129-151.ccls. and (component same interact\$4 same program)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 09:50
S32	0	717/129-151.ccls. and (component NEAR interact\$4 NEAR program)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 09:50
S34	15	717/129-151.ccls. and (component same interact\$4 same program) and (data same represent\$4 same propert\$4)\	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/31 15:37

## EAST Search History

S35	15	717/129-151.ccls. and (component same interact\$4 same program) and (data same represent\$4 same propert\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/31 16:14
S36	0	717/129-151.ccls. and (component same interact\$4 same program).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 10:48
S37	27	(component same interact\$4 same program).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 11:48

## EAST Search History

S38	98	(US-6405361-\$ or US-6253193-\$ or US-6363488-\$ or US-6389402-\$ or US-6427140-\$ or US-5315646-\$ or US-5448263-\$ or US-5675805-\$ or US-5712791-\$ or US-5771279-\$ or US-5870093-\$ or US-6141000-\$ or US-6326962-\$ or US-6745204-\$ or US-5818445-\$ or US-5880362-\$ or US-6192745-\$ or US-6300950-\$ or US-6813769-\$ or US-4774455-\$ or US-4835709-\$ or US-5400792-\$ or US-5430836-\$ or US-5550750-\$ or US-5596702-\$ or US-5640560-\$).did. or (US-5652716-\$ or US-5655077-\$ or US-5758122-\$ or US-5764226-\$ or US-5794043-\$ or US-5809230-\$ or US-5819090-\$ or US-5901313-\$ or US-5913922-\$ or US-5915113-\$ or US-5983233-\$ or US-5999178-\$ or US-6005568-\$ or US-6043815-\$ or US-6054983-\$ or US-6064386-\$ or US-6078322-\$ or US-6078321-\$ or US-6081846-\$ or US-6100885-\$ or US-6184883-\$ or US-6188401-\$ or US-6219056-\$ or US-6223304-\$ or US-6232983-\$ or US-6287765-\$ or US-6289393-\$).did. or (US-6378128-\$ or US-6383778-\$ or US-6395889-\$ or US-6475753-\$ or US-5577837-\$ or US-4490810-\$ or US-4617643-\$ or US-5404393-\$ or US-H001452-\$ or US-5504519-\$ or US-5561708-\$ or US-5832287-\$ or US-5944791-\$ or US-6050718-\$ or US-6072946-\$ or US-6088019-\$ or US-4364110-\$ or US-4435772-\$ or US-4477754-\$ or US-4540176-\$ or US-4829419-\$ or US-4881079-\$ or US-4884078-\$ or US-4941086-\$ or US-5255358-\$ or US-5303363-\$ or US-5422674-\$).did. or (US-5493638-\$ or US-5710887-\$ or US-5838948-\$ or US-5850426-\$ or US-5907706-\$ or US-5911059-\$ or US-5948728-\$ or US-6067412-\$ or US-6105100-\$ or US-6134575-\$ or US-6175844-\$ or US-4814978-\$ or US-5493682-\$ or US-5615137-\$ or US-5625783-\$ or US-5867397-\$ or US-5923778-\$ or US-5933640-\$).did.	USPAT	OR	ON	2006/01/06 11:01
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## EAST Search History

S39	27	S38 and (component same interact\$4 same program)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 11:01
S40	15	S38 and (component same interact\$4 same program) and propert\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 11:02
S41	3	(optimiz\$4 same component same interact\$4).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 11:49
S42	2053	(optimiz\$4 same component same interact\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 11:54
S43	1	(optimiz\$4 NEAR component NEAR interact\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 11:50
S44	137	(optimiz\$4 NEAR5 component NEAR5 interact\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 11:51
S45	85	(optimiz\$4 NEAR3 component NEAR3 interact\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 11:50
S46	53	(optimiz\$4 NEAR2 component NEAR2 interact\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 11:50



## EAST Search History

S47	2	"717"/\$.ccls. and (optimiz\$4 NEAR5 component NEAR5 interact\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 11:51
S48	96	(optimiz\$4 same component same interact\$4) and (data near2 propert\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 11:55
S49	2059147	(optimiz\$4 same component same interact\$4) and (data near2 propert\$4) run\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 11:56
S50	91	(optimiz\$4 same component same interact\$4) and (data near2 propert\$4) and run\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 11:56
S51	8	(optimiz\$4 same component same interact\$4) and (data near2 propert\$4) and run\$4 and (minimi\$4 same cost)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 12:03
S52	231	software same component\$4 same measur\$4 same interact\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 12:04
S53	92	(software same component\$4 same measur\$4 same interact\$4) and optimiz\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 12:05
S54	14	(software same component\$4 same measur\$4 same interact\$4) and optimiz\$4 and (data same represent\$4 same propert\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 12:05

## EAST Search History

S55	209	data same representation same propert\$4 same string same representation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 11:18
S56	6	717/129-151.ccls. and (data same representation same propert\$4 same string same representation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 11:18
S58	82	"717"/\$.ccls. and bates.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 15:33
S59	88	717/129-151.ccls. and (component same interact\$4 same program) and propert\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 16:40
S60	14	(minimiz\$4 same interact\$4 same (program\$4 or software) same run adj time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 10:48
S61	6	("6,360,360" "6,530, 075" "20020154551").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 10:13
S62	1270	717/140-161.ccls. and (compiler same optimiz\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 10:48

## EAST Search History

S63	142	717/140-161.ccls. and (compiler same optimiz\$4) and ((program or code) same estimat\$4 same execut\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 10:50
S64	143	717/140-161.ccls. and (compiler same optimiz\$4) and ((program or code) same (estimat\$4 or (cost same interact\$4)) same execut\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 10:51
S65	142	717/140-161.ccls. and (compiler same optimiz\$4) and ((program or code) same (estimat\$4 or (cost near2 interact\$4)) same execut\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 11:03
S66	0	717/140-161.ccls. and (compiler same optimiz\$4) and ((program or code) same (estimat\$4 or (cost near2 interact\$4)) same execut\$4) and (measur\$4 same interact\$4 same component\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 10:52
S67	3	717/140-161.ccls. and (compiler same optimiz\$4) and ((program or code) same (estimat\$4 or (cost near2 interact\$4)) same execut\$4) and (measur\$4 same interact\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 10:52
S68	26	("6092180").URPN.	USPAT	OR	ON	2007/05/02 10:55
S69	5	717/140-161.ccls. and (compiler same optimiz\$4) and ((program or code) same (estimat\$4 or (cost near2 interact\$4)) same execut\$4) and (string same represent\$4 and propert\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 11:25
S70	16	717/140-161.ccls. and (compiler same optimiz\$4) and ((program or code) same (string same represent\$4 and propert\$4 and data same structure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 11:26
S71	2	(cost same estimation) and (optimiz\$4 same (software or program)) and (informat\$4 same interact\$4 same request same component) and (monitor\$4 same record\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/31 15:31

## EAST Search History

S72	70	(cost same estimation) and (optimiz\$4 same (software or program)) and (monitor\$4 same program)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/31 15:31
S73	28	(cost near estimat\$4).ti. and (optimi\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/31 15:36
S74	7	717/129-151.ccls. and (program same optimiz\$4) and cost and monito\$4 and (minimiz\$4 same interact\$4 same program)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/31 15:37
S75	4	717/129-151.ccls. and (component same interact\$4 same program) and (data same represent\$4 same propert\$4) and (capture same informat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/31 15:40
S78	478	717/130.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/31 16:15